. . (ENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
04-997-PCT	ACTION	as well	as, where applicable, item 5 below.
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)
PCT/US2005/003766	04/02/2005		05/02/2004
Applicant			
THE ARIZONA BOARD OF REGEN	TTS, A BODY CORPORATE	• • •	
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Sea Insmitted to the International Burea	rching Authou.	ority and is transmitted to the applicant
This International Search Report consists	of a total ofsh	eets.	
It is also accompanied by	a copy of each prior art document o	ited in this r	report.
Basis of the report a. With regard to the language, the language in which it was filed, unl	international search was carried ou ess otherwise indicated under this i	t on the bas tem.	is of the international application in the
The international this Authority (Ru		of a transla	ation of the international application furnished to
b. X With regard to any nucleo	otide and/or amino acid sequence	e disclosed i	in the international application, see Box No. I.
2. X Certain claims were fou	nd unsearchable (See Box II).		
3. X Unity of invention is lac	king (see Box jil).		
4. With regard to the title ,			
X the text is approved as su	bmitted by the applicant.		
the text has been establis	shed by this Authority to read as followed	ows:	
]			
	•		
5. With regard to the abstract,		•	
1	ubmitted by the applicant.		h, as it assessed in Day No. IV. The applicant
the text has been establismay, within one month from	om the date of mailing of this interna	tnis Authori ational sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
6. With regard to the drawings ,			
a. the figure of the drawings to be	oublished with the abstract is Figure	No	
as suggested by	• •		
, —	is Authority, because the applicant		
	is Authority, because this figure beto be published with the abstract.	ter characte	enzes the invention.
b. X none of the figures is to b	be published with the abstract.		

INTERNATIONAL SEARCH REPORT

national application No.

PCT/US2005/003766

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.5 of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed nation, the international search was carried out on the basis of:
	a.	type of material
		X a sequence listing
		table(s) related to the sequence listing
	b.	format of material
	U.	X in written format
		X in computer readable form
	C.	time of filing/furnishing
		X contained in the international application as filed
		X filed together with the international application in computer readable form
		furnished subsequently to this Authority for the purpose of search
2.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addi	itional comments:
ı		

national application No. PCT/US2005/003766

INTERNATIONAL SEARCH REPORT

Box II Obs	servations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This Internati	onal Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. χ Clai	ms Nos.: ause they relate to subject matter not required to be searched by this Authority, namely:
hu	though claims 18 to 32 are directed to a method of treatment of the man/animal body, the search has been carried out and based on the alleged fects of the compound/composition.
bec	ms Nos.: ause they relate to parts of the International Application that do not comply with the prescribed requirements to such extent that no meaningful International Search can be carried out, specifically:
3. Cla	ms Nos.: ause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Ob	servations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Internat	ional Searching Authority found multiple inventions in this international application, as follows:
se	ee additional sheet
1	
1. As	all required additional search fees were timely paid by the applicant, this International Search Report covers all rchable claims.
	all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment any additional fee.
3. As	only some of the required additional search fees were timely paid by the applicant, this International Search Report vers only those claims for which fees were paid, specifically claims Nos.:
res	required additional search fees were timely paid by the applicant. Consequently, this International Search Report is tricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-4 completely and 14-32 partially
Remark on	Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4 (completely) and 14-32 (partially)

polypeptides according to formula 1, related compositions, expression vectors, host cells and methods

2. claims: 5.6 (completely) and 14-32 (partially)

polypeptides according to formula 2, related compositions, expression vectors, host cells and methods

3. claims: 7.8 (completely) and 14-32 (partially)

polypeptides according to formula 3, related compositions, expression vectors, host cells and methods

4. claims: 9,10 (completely) and 14-32 (partially)

polypeptides competing with free GalNAc for binding to a GalNAc-specific lectin, related compositions, expression vectors, host cells and methods

5. claims: 11-13 (completely) and 14-32 (partially)

polypeptides competing with one or more polypeptides according to SEQ ID NOs: 1-23,29,31-33, and 36-45 for binding to a GalNAc-specific lectin, related compositions, expression vectors, host cells and methods

6. claims: 33-37

method for identifying a GalNAc-polypeptide mimetic

INTERN' TIONAL SEARCH REPORT

anal Application No PC1/US2005/003766

a. classification of subject matter INV. C07K14/57 G01N33/68 A61K38/21 A61K39/00 C12N15/23 C12N15/63 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) CO7K GO1N A61K C12N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, Sequence Search, CHEM ABS Data, BIOSIS, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° 1,14-32 US 6 551 795 B1 (RUBENFIELD MARC J ET AL) Х 22 April 2003 (2003-04-22) column 1 - column 2; sequence 27024 -& DATABASE PSIPS [Online] USPTO; SEQ ID NO: 27024 for US6551795 18 October 2005 (2005-10-18), XP002349772 retrieved from HTTP://SEQDATA.USPTO.GOV/?PAGEREQUEST=VIEW SEQUENCE&DOCID=06551795&SEQID=27024 abstract WO 02/058589 A (NORTHEASTERN OHIO Α UNIVERSITIES COLLEGE OF MEDICINE; SCHNEIDER, GARY, B) 1 August 2002 (2002-08-01) page 4 - page 5; claims 1-3,5,9-11; figure -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. ° Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search **0** 5, 04, 2006 18 October 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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Schmidt, Harald

INTERM TIONAL SEARCH REPORT

Intr mal Application No
PC I / US2005/003766

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
alegory *	Ontaborror document, with indication, where appropriate, or the relevant passages	Tootall to dail its.
4	WO 96/40903 A (YAMAMOTO, NOBUTO) 19 December 1996 (1996-12-19)	
	page 3 - page 6	
4	US 5 641 747 A (POPOFF ET AL) 24 June 1997 (1997-06-24) the whole document	,
١	WO 00/31130 A (BIO MERIEUX) 2 June 2000 (2000-06-02) page 5; claims 1,23; sequence 17	
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INTERN' TIONAL SEARCH REPORT

Inform....on on patent family members

Inte inal Application No
PCT/US2005/003766

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